



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/644,212
Filing Date	August 17, 2003
First Named Inventor	Anthony J. Aiello
Art Unit	2655
Examiner Name	Not Yet Assigned
Attorney Docket Number	SEA-3253

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TAP	1	US- 5,533,814	07-09-1996	Slocum	---
	2	US- 5,516,212	05-14-1996	Titcomb	---
	3	US- 5,433,529	07-18-1995	Hensel	---
	4	US- 5,423,612	06-16-1995	Zang, et al.	---
	5	US- 5,246,294	09-21-1993	Pan	---
	6	US- 5,067,528	11-29-1991	Titcomb, et al.	---
	7	US- 4,919,547	04-24-1990	Schwartzman	---
	8	US- 4,795,275	01-03-1989	Titcomb, et al.	---
	9	US- 4,538,081	08-27-1985	Kamiya, et al.	---
	10	US- 5,718,516	02-17-1998	Cheever, et al.	---
	11	US- 6,172,847	01-09-2001	Sakatani, et al.	---
	12	US- 5,427,456	06-27-1995	Hensel	---
	13	US- 6,183,135	02-06-2001	Kloeppel, et al.	---
	14	US- 6,205,110	03-20-2001	Miyamoto, et al.	---
	15	US- 5,559,651	09-24-2003	Grantz, et al.	---
	16	US- 5,697,708	12-16-1997	Leuthold, et al.	---
	17	US- 6,019,516	02-01-2000	Leuthold, et al.	---
	18	US- 6,211,592	04-03-01	Ichiyama	---
	19	US- 6,280,088	08-28-01	Leuthold, et al.	---

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
TAP		WO 98/48188	12-29-98	Rahman, et al.	---	

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1-28-06

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Sheet 2of 2**Complete if Known**

Application Number	10/644,212
Filing Date	August 19, 2003
First Named Inventor	Anthony J. Aiello
Art Unit	2655
Examiner Name	Not Yet Assigned
Attorney Docket Number	SEA-3253

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		Number-Kind Code <sup>2</sup> (if known)			
JAE	20	US- 6,322,252	11-27-2001	Grantz, et al.	
	21	US- 6,371,650	04-16-2002	Goto, et al.	
	22	US- 6,154,339	11-28-2000	Grantz, et al.	
	23	US- 6,181,039	01-30-2001	Kennedy, et al.	
	24	US- 4,798,476	1-17-1989	Sakatani, et al.	
	25	US- 5,715,116	02-03-1998	Moritan, et al.	
	26	US- 5,822,846	10-20-1998	Moritan, et al.	
	27	US- 6,236,129	05-22-2001	Yamashita	
JAE	28	US- 6,364,532	04-02-2002	Yoshikawa, et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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